

FORM PTO-1449 Sixth Supplemental INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. SP015.C15 (1397.028000F)	APPLICATION NO. 10/660,671
		FIRST NAMED INVENTOR: NGUYEN et al.	
		FILING DATE September 12, 2003	ART UNIT 2183

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
OIPE	AA8					
OCT' 20 2004 PATENTS & TRADEMARK OFFICE	AB8					
	AC8					
	AD8					
	AE8					
	AF8					
	AG8	5,129,067	07/1992	Johnson		
	AH8	5,345,569	09/1994	Tran		
	AI8	5,136,697	08/1992	Johnson		
	AJ8	6,256,720	07/2001	Nguyen et al.		
	AK8	5,287,467	02/1994	Blaner et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL7					Yes
	AM7					No
	AN7	61-133439	06/20/1986	Japan		X Yes
	AO7	51-10746	01/28/1976	Japan		No
	AP7	57-150040	09/16/1982	Japan		X Yes

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>33</u>	
AS	<u>33</u>	
AT	<u>33</u>	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>AA</i>	AA9	4,775,927	10/1988	Hester et al.			
<i>O I P E</i>	AB9	5,197,136	03/1993	Kimura et al.			
<i>Oct 20 2004</i>	AC9	5,179,530	01/1993	Genusov et al.			
<i>US TRADEMARK DES</i>	AD9	5,317,720	05/1994	Stamm et al.			
	AE9	6,647,485	11/2003	Nguyen et al.			
	AF9						
	AG9						
	AH9						
	AI9						
	AJ9						
	AK9						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL8						Yes
	AM8						No
	AN8						Yes
	AO8						No
	AP8						Yes
							No

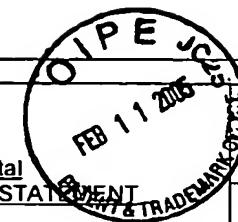
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>34</u>	
	AS	<u>34</u>	
	AT	<u>34</u>	

EXAMINER		DATE/CONSIDERED
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FORM PTO-1449
Seventh Supplemental
INFORMATION DISCLOSURE STATEMENT



ATTY. DOCKET NO.
USP015.C15 (1397.028000F)

APPLICATION NO.
10/660,671

FIRST NAMED INVENTOR: NGUYEN et al.

FILING DATE
September 12, 2003

ART UNIT
2183

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA9						
	AB9						
	AC9						
	AD9						
	AE9						
<i>CR</i>	AF9	5,167,035	11/1992	Mann et al.			
<i>CR</i>	AG9	2003-0056086-A1	3/20/2003	Nguyen et al.			
<i>CR</i>	AH9	2003-0079113-A1	4/24/2003	Nguyen et al.			
<i>CR</i>	AI9	2003-0070060-A1	4/10/2003	Nguyen et al.			
<i>CR</i>	AJ9	2003-0056087-A1	3/20/2003	Nguyen et al.			
<i>CR</i>	AK9	2004-0093483-A1	5/13/2004	Nguyen et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL8						Yes
	AM8						No
	AN8						Yes
	AO8						No
	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>33</u>	
	AS	<u>33</u>	
	AT	<u>33</u>	

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FORM PTO-1449 Seventh Supplemental INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. SP015.C15 (1397.028000F)	APPLICATION NO. 10/660,671
		FIRST NAMED INVENTOR: NGUYEN et al.	
		FILING DATE September 12, 2003	ART UNIT 2183

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CV	AA10	2004-0093485-A1	03/2004	Nguyen et al.			
CV	AB10	2004-0093482-A1	05/13/2004	Nguyen et al.			
CV	AC10	6,256,720	07/03/2001	Nguyen et al.			
CV	AD10	6,272,619	08/07/2001	Nguyen et al.			
CV	AE10	6,647,485	11/11/2003	Nguyen et al.			
	AF10						
	AG10						
	AH10						
	AI10						
	AJ10						
	AK10						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL9						Yes
	AM9						No
	AN9						Yes
	AO9						No
	AP9						Yes

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>34</u>	
	AS	<u>34</u>	
	AT	<u>34</u>	

EXAMINER

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FORM PTO-1449 Fifth Supplemental INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. SP015.C15 (1397.028000F)	APPLICATION NO. 10/660,671
		FIRST NAMED INVENTOR: NGUYEN et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
W	AA8					
	AB8					
AUG 3 2004 PATENT & TRADEMARK OFFICE	AC8					
	AD8	4,833,599	05/23/1989	Colwell et al.		
W	AE8	4,974,154	11/27/1990	Matsuo		
W	AF8	5,142,634	08/25/1992	Fite et al.		
	AG8					
	AH8					
	AI8					
	AJ8					
	AK8					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL7					Yes No
W	HEI2-130635	05/18/1990	JP			X Yes No
	AM7					Yes No
	AN7					Yes No
	AO7					Yes No
	AP7					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

W	AR	32	Findlay, et al., "HARP: A VLIW RISC Processor", Proceeding of 5 th Annual European Computer Conference on Advanced Computer Technology, Reliable Systems and Applications, May 16, 1991, pp. 368-372.
W	AS	32	Kuga et al., "DSNS (Dynamically-hazard-resolved, Statically-code-scheduled, Nonuniform Superscalar): Yet Another Superscalar Processor Architecture", Dept. of Information Systems, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Fukuoka, Japan, pp. 14-29.
W	AT	32	Colwell et al., "A VLIW Architecture For A Trace Scheduling Compiler", Association For Computing Machinery (ACM), 1987, pp. 180-192.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449 Fourth Supplemental INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. SP015.C15 (1397.028000F)	APPLICATION NO. 10/660,671
		FIRST NAMED INVENTOR: NGUYEN et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA8	4,901,233	02/13/1990	Liptay			
	AB8	5,134,561	07/28/1992	Liptay			
MAR 7 4 2004	AC8	5,473,764	12/05/1995	Chi			
	AD8						
	AE8						
	AF8						
	AG8						
	AH8						
	AI8						
	AJ8						
	AK8						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL7	64 36336	02/07/1989	Japan			Yes No
	AM7						Yes No
	AN7						Yes No
	AO7						Yes No
	AP7						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>31</u>	
	AS	<u>31</u>	
	AT	<u>31</u>	Final Rejection, mailed January 30, 2004, for Japanese Appl. No. 2000-146443 and English language translation of same, 3 pages.

EXAMINER

DATE CONSIDERED

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O I P E
FEB 17 2004
U.S. PATENT AND TRADEMARK OFFICE

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
SP015.C15 (1397.028000F)APPLICATION NO.
10/660,671

FIRST NAMED INVENTOR: NGUYEN et al.

FILING DATE
September 12, 2003ART UNIT
2183**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA8						
AB8						
AC8						
AD8						
AE8						
AF8						
AG8						
AH8						
AI8						
AJ8						
AK8						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL7						Yes
AM7						No
AN7						Yes
AO7						No
AP7						Yes
						No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>31</u>	
<i>CV</i>	AS	<u>31</u>	English language translation of Japanese Application No. 2-130635, dated May 18, 1990, 19 pages.
	AT	<u>31</u>	

EXAMINER

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA7	4,644,466	02/17/1987	Saito			
AB7						
AC7						
AD7						
AE7						
AF7						
AG7						
AH7						
AI7						
AJ7						
AK7						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL6	2-130635	05/18/1990	Japan			X Yes
AM6	0 331 191	09/06/1989	EP			Yes No
AN6	0 155 211	09/18/1985	EP			Yes No
AO6						Yes No
AP6						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	30	European Search Report issued December 9, 2003 in EP application no. 03 02 4585, 3 pages.
AS	30	Notice of Reason of Rejection, mailed October 24, 2003, for Japanese Appln. No. 2000-146441, 2 pages, accompanied by translation of 2 pages.
AT	30	Notice of Reason of Rejection, mailed October 24, 2003, for Japanese Appln. No. 2000-146442, 2 pages, accompanied by translation of 4 pages.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA8						
AB8						
AC8						
AD8						
AE8						
AF8						
AG8						
AH8						
AI8						
AJ8						
AK8						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL7						Yes
AM7						No
AN7						Yes
AO7						No
AP7						Yes
						No

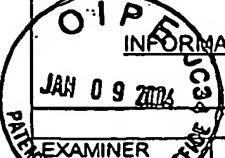
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	31	Notice of Reason of Rejection, mailed October 24, 2003, for Japanese Appln. No. 2000-146443, 2 pages, accompanied by translation of 4 pages.
	AS	31	
	AT	31	

EXAMINER

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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT

JAN 09 2004

ATTY. DOCKET NO. SP015.C15
(1397.028000F) APPLICATION NO.: 10/660,671

FIRST NAMED INVENTOR: NGUYEN et al.

FILING DATE: September 12, 2003 ART UNIT: 2183

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA28					
	AB28					
	AC28					
	AD28					
	AE28					
	AF28					
	AG28					
	AH28					
	AI28					
	AJ28					
	AK28					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL5					Yes No
RK	AM5	2000-353090A	12/19/2000	Japan		X Yes No
EP	AN5	2000-339159A	12/08/2000	Japan		X Yes No
GW	AO5	2000-339160A	12/08/2000	Japan		X Yes No
	AP5	2000-357091A	12/26/2000	Japan		X Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

1	AR	28	
CD	AS	28	Notice of Grounds For Rejection, dated October 2, 2003, for Japanese Patent Application No. 2000-145123 (2 pages) with English translation (2 pages).
C	AT	28	Notice of Grounds For Rejection, dated October 2, 2003, for Japanese Patent Application No. 2000-145124 (2 pages) with English translation (2 pages).

EXAMINER

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. SP015.C15 (1397.028000F)		APPLICATION NO.: 10/660,671	
		FIRST NAMED INVENTOR: NGUYEN et al.			
		FILING DATE: September 12, 2003		ART UNIT: 2183	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA	AA29					
JAN 09 2004 PTO-TRADEMARK OFFICE C-3A	AB29					
	AC29					
	AD29					
	AE29					
	AF29					
	AG29					
	AH29					
	AI29					
	AJ29					
	AK29					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL29					Yes
	AM29					No
	AN29					Yes
	AO29					No
	AP29					Yes

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>R</i>	AR	29	Notice of Grounds for Rejection, dated October 3, 2003, for Japanese Patent Application No. 2000-145125 (3 pages) with English translation (4 pages).
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<i>W</i>	AS	29	Notice of Grounds for Rejection, dated October 3, 2003, for Japanese Patent Application No. 2000-145126 (3 pages) with English translation (4 pages)
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AT	29		DATE CONSIDERED
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6/9/h/B
Page 1 of 28

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. SP015.C15	APPLICATION NO. To Be Assigned
		APPLICANT Nguyen et al.	
		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>h</i>	AA1	3,346,851	10/1967	Thornton et al.			
<i>h</i>	AB1	3,718,912	02/1973	Hasbrouck et al.			
<i>h</i>	AC1	3,771,138	11/1973	Celtruda et al.			
<i>h</i>	AD1	3,789,365	01/1974	Jen et al.			
<i>h</i>	AE1	4,034,349	07/1977	Monaco et al.			
<i>h</i>	AF1	4,200,927	04/1980	Hughes et al.			
<i>h</i>	AG1	4,228,495	10/1980	Bernhard et al.			
<i>h</i>	AH1	4,296,470	10/1981	Fairchild et al.			
<i>h</i>	AI1	4,315,314	02/1982	Russo			
<i>h</i>	AJ1	4,410,939	10/1983	Kawakami			
<i>h</i>	AK1	4,434,461	02/1984	Puhl			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>h</i>	AL1	0 479 390 A2	08/1992	EP			Yes No
<i>h</i>	AM1	0 426 393	08/1991	EP			Yes No
<i>h</i>	AN1	0 419 105 A2	10/1990	EP			Yes No
<i>h</i>	AO1	0 402 856	12/1990	EP			Yes No
<i>h</i>	AP1	0 377 991 A3	12/1989	EP			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>h</i>	AR	<u>1</u>	8-Bit Embedded controller Handbook, Intel, 1989, pp. 1-1- 1-19 and 3-1 -3-37.				
<i>h</i>	AS	<u>1</u>	Acosta, Raymond D. et al., "An Instruction Issuing Approach to Enhancing Performance in Multiple Functional Unit Processors," IEEE Transactions on Computers, Vol. C-35, No. 9, September 1986, pp. 815-828.				
<i>h</i>	AT	<u>1</u>	Agerwala et al., "High Performance Reduced Instruction Set Processors," IBM Research Division, March 31, 1987, pp. 1-61.				

EXAMINER	<i>h</i>	DATE CONSIDERED
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>l</i>	AA2	4,459,657	07/1984	Murao			
<i>l</i>	AB2	4,476,525	10/1984	Ishii			
<i>z</i>	AC2	4,626,989	12/1986	Torii			
<i>l</i>	AD2	4,675,806	06/1987	Uchida			
<i>l</i>	AE2	4,714,994	12/1987	Oklobdzija et al.			
<i>l</i>	AF2	4,722,049	01/1988	Lahti			
<i>l</i>	AG2	4,752,873	06/1988	Shonai et al.			
<i>l</i>	AH2	4,758,948	07/1988	May et al.			
<i>l</i>	AI2	4,766,566	08/1988	Chuang			
<i>l</i>	AJ2	4,807,115	02/1989	Torng			
<i>l</i>	AK2	4,858,105	08/1989	Kuriyama et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>l</i>	AL2	0 372 751 A2	11/1989	EP			Yes No
<i>l</i>	AM2	0 368 332 A2	05/1990	EP			Yes No
<i>l</i>	AN2	0 354 585 A2	02/1990	EP			Yes No
<i>l</i>	AO2	0 171 595 A2	02/1986	EP			Yes No
<i>l</i>	AP2	0 136 179 A2	09/1984	EP			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER	AR	2	Citation Description				
			Author	Title	Date	Pertinent Pages	Source
<i>l</i>	AR	2	Aiken, A. and Nicolau, A., "Perfect Pipelining: A New Loop Parallelization Technique*,," pp. 221-235.				
<i>l</i>	AS	2	Andrews, Distinctions Blur Between DSP Solutions, Computer Design, Vol. 28, No. 9, May 1, 1989, Littleton, Mass., pp. 86-99.				
<i>l</i>	AT	2	Charlesworth, A.E., "An Approach to Scientific Array Processing: The Architectural Design of the AP-120B/FPS-164 Family," Computer, Vol. 14, September 1981, pp. 18-27.				
EXAMINER				DATE CONSIDERED			

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CJ	AA3	4,897,810	01/1990	Nix			
CR	AB3	4,901,228	02/1990	Kodama			
CR	AC3	4,901,233	02/1990	Liptay			
CR	AD3	4,903,196	02/1990	Pomerene et al.			
CR	AE3	4,924,376	05/1990	Ooi			
CR	AF3	4,926,323	05/1990	Baror et al.			
CR	AG3	4,942,525	07/1990	Shintani et al.			
CR	AH3	4,985,825	01/1991	Webb, Jr. et al.			
CR	AI3	4,992,938	02/1991	Cocke et al.			
CR	AJ3	5,003,462	03/1991	Blaner et al.			
CR	AK3	5,101,341	03/1992	Circella et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CR	AL3	2 575 564	12/1985	FR			Yes No
CR	AM3	2 011 682	11/1979	GB			Yes No
CR	AN3	61-95447	06/1986	JP			Yes No
CR	AO3	2-278337	11/1990	JP			Yes No
CR	AP3	3-137729	06/1991	JP			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CR	AR	3	Colwell et al., "A VLIW Architecture for a Trace Scheduling Compiler," Proceedings of the 2 nd International Conference on Architectural Support for Programming Languages and Operating Systems, October 1987, pp. 180-192.
CR	AS	3	Foster et al., "Percolation of Code to Enhance Parallel Dispatching and Execution," IEEE Trans. On Computers, December 1971, pp. 1411-1415.
CR	AT	3	Goodman, J.R. and Hsu, W., "Code Scheduling and Register Allocation in Large Basic Blocks," ACM, 1988, pp. 442-452.

EXAMINER	DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. SP015.C15	APPLICATION NO. To Be Assigned
		APPLICANT Nguyen et al.	
		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AR	AA4	5,127,091	02/1995	Horst			
AR	AB4	5,129,067	07/1992	Johnson			
AR	AC4	5,134,561	07/1992	Liptay			
AR	AD4	5,155,843	10/1992	Stamm et al.			
AR	AE4	5,187,796	02/1993	Wang et al.			
AR	AF4	5,226,126	07/1993	McFarland et al.			
AR	AG4	5,226,170	07/1993	Rubinfeld			
AR	AH4	5,230,068	07/1993	Van Dyke et al.			
AR	AI4	5,355,460	10/1994	Eickenmeyer et al.			
AR	AJ4	5,442,757	08/1995	McFarland et al.			
AR	AK4	5,461,715	10/1995	Matsuo et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AR	AL4	3-147134	06/1991	JP			Yes No
AR	AM4	2-22736	01/1990	JP			Yes No
AR	AN4	2-87229	03/1990	JP			Yes No
AR	AO4	3-35322	02/1991	JP			Yes No
AR	AP4	64-36366	02/1989	JP			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	4	Gross et al., "Optimizing Delayed Branches," Proceedings of the 5 th Annual Workshop on Microprogramming, October 5-7, 1982, pp. 114-120.
AS	4	Groves, R.D. and Oehler, R., "An IBM Second Generation RISC Processor Architecture," IEEE, 1989, pp. 134-137.
AT	4	Bakoglu et al., "IBM Second-Generation RISC Machine Organization," 1990, IEEE, pp. 173-178.

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		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>g</i>	AA5	5,487,156	01/1996	Popescu et al.			
<i>g</i>	AB5	5,488,729	01/1996	Vesegna et al.			
<i>g</i>	AC5	5,539,911	07/1996	Nguyen et al.			
<i>g</i>	AD5	5,561,776	10/1996	Popescu et al.			
<i>g</i>	AE5	5,574,927	11/1996	Scantlin			
<i>g</i>	AF5	5,592,636	01/1997	Popescu et al.			
<i>g</i>	AG5	5,625,837	04/1997	Popescu et al.			
<i>g</i>	AH5	5,627,983	05/1997	Popescu et al.			
<i>g</i>	AI5	5,651,125	07/1997	Witt et al.			
<i>g</i>	AJ5	5,689,720	11/1997	Nguyen et al.			
<i>g</i>	AK5	5,708,841	01/1998	Popescu et al.			

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>T</i>	AL5	2-130634	05/1990	Japan			Yes No
	AMS						Yes No
	ANS						Yes No
	AOS						Yes No
	APS						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>L</i>	AR	5	H. Nakano et al., "A 80 Mflops 64-bit Microprocessor for Parallel Computer," 1991, IEEE, pp. 15.2.1-15.2.4.				
<i>G</i>	AS	5	Hennessy et al., Computer Architecture: A Quantitative Approach, Morgan Kaufman Publishers, Inc., 1990 (in its entirety).				
<i>U</i>	AT	5	Horst, R.W. et al., "Multiple Instruction Issue in the NonStop Cyclone Processor," IEEE, 1990, pp. 216-226.				

EXAMINER	<i>J</i>	DATE CONSIDERED
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		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
S	AA6 5,768,575	06/1998	McFarland et al.			
R	AB6 5,778,210	07/1998	Henstrom et al.			
Z	AC6 5,797,025	08/1998	Popescu et al.			
Z	AD6 5,832,205	11/1998	Kelly et al.			
R	AE6 5,832,293	11/1998	Popescu et al.			
R	AF6 5,961,629	10/1999	Nguyen et al.			
R	AG6 6,038,654	03/2000	Nguyen et al.			
R	AH6 6,092,181	07/2000	Nguyen et al.			
R	AI6 6,101,594	08/2000	Nguyen et al.			
R	AJ6 6,128,723	10/2000	Nguyen et al.			
R	AK6 5,233,694	08/1993	Hotta et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL6						Yes No
AM6						Yes No
AN6						Yes No
AO6						Yes No
AP6						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

G	AR	6	Hwu et al., "HPSm, a High Performance Restricted Data Flow Architecture Having Minimal Functionality," Proceedings from ISCA-13, Tokyo, Japan, June 2-5, 1986, pp. 297-306.
U	AS	6	Hwu et al., "Checkpoint Repair for High-Performance Out-of-Order Execution Machines," IEEE Trans. On Computers, Vol. C-36, NO. 12, December 1987, pp. 1496-1514.
U	AT	6	Hwu et al., "Exploiting Parallel Microprocessor Microarchitectures with a Compiler Code Generator," Proceedings of the 15 th Annual Symposium on Computer Architecture, June 1988, pp. 45-53.

EXAMINER

DATE CONSIDERED

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		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA7						
	AB7						
	AC7						
	AD7						
	AE7						
	AF7						
	AG7						
	AH7						
	AI7						
	AJ7						
	AK7						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL7						Yes No
	AM7						Yes No
	AN7						Yes No
	AO7						Yes No
	AP7						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AR	2	IBM Journal of Research and Development, Vol. 34, No. 1, January 1990, pp. 1-70.
<i>AS</i>	AS	2	IBM Technical Disclosure Bulletin, Overlap of Store Multiple Operation With Succeeding Operations through Second Set of General Purpose Registers, Voll 28, No. 6, November 1989, New York, NY, pp. 2727-2728.
<i>AT</i>	AT	2	Jelemensky, New Microcomputer Features Advanced Hardware For Real-Time Control Applications, Electro Conference Record, Vol. 14, April 11, 1989, Los Angeles, CA, pp. 511-519.

EXAMINER _____ DATE CONSIDERED _____

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		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA8						
	AB8						
	AC8						
	AD8						
	AE8						
	AF8						
	AG8						
	AH8						
	AI8						
	AJ8						
	AK8						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL8						Yes No
	AM8						Yes No
	AN8						Yes No
	AO8						Yes No
	AP8						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	8	Johnson, William M., Super-Scalar Processor Design, (Dissertation), copyright 1989, 134 pages.
	AS	8	Johnson, William M., Super-Scalar Processor Design, Prentice-Hall, Inc., 1991 (in its entirety).
	AT	8	Jouppi, N.H., "Integration and Packaging Plateaus of Processor Performance," IEEE, 1989, pp. 229-232.

EXAMINER

DATE CONSIDERED

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		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA9						
AB9						
AC9						
AD9						
AE9						
AF9						
AG9						
AH9						
AI9						
AJ9						
AK9						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL9						Yes No
AM9						Yes No
AN9						Yes No
AO9						Yes No
AP9						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AR	9	Jouppi, N.P., "The Nonuniform Distribution of Instruction-Level and Machine Parallelism and Its Effect on Performance," IEEE Transactions on Computers, Vol. 38, No. 12, December 1989, pp. 1645-1658.
<i>W</i>	AS	9	Jouppi et al., "Available Instruction-Level Parallelism for Superscalar and Superpipelined Machines," Proceedings of the 3rd International Conference on Architectural Support for Programming Languages and Operating Systems, April 1989, pp. 272-282.
<i>W</i>	AT	9	Keller, R.M., "Look-Ahead Processors," Computing Surveys, Vol. 7 No. 4, December 1975, pp. 177-195.

EXAMINER

DATE CONSIDERED

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		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA10						
	AB10						
	AC10						
	AD10						
	AE10						
	AF10						
	AG10						
	AH10						
	AI10						
	AJ10						
	AK10						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL10						Yes No
	AM10						Yes No
	AN10						Yes No
	AO10						Yes No
	AP10						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>W</i>	AR	<u>10</u>	Lam, M.S., "Instruction Scheduling For Superscalar Architectures," Annu. Rev. Comput. Sci., Vol. 4, 1990, pp. 173-201.				
<i>AS</i>	AS	<u>10</u>	Lee, Ruby B., "Precision Architecture," COMPUTER, January 1989, pp. 78-91.				
<i>AT</i>	AT	<u>10</u>	Melear, C., Motorola, Inc., The Design of the 88000 RISC Family, IEEE MICRO, Vol. 9, No. 2, April 1989, Los Alamitos, CA, pp. 26-38.				

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED
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		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA11						
	AB11						
	AC11						
	AD11						
	AE11						
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	AH11						
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	AK11						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL11						Yes No
	AM11						Yes No
	AN11						Yes No
	AO11						Yes No
	AP11						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>90</i>	AR	11	Murakami, K. et al., "SIMP (Single Instruction Stream/Multiple Instruction Pipelining): A Novel High-Speed Single-Processor Architecture," ACM, 1989, pp. 78-85.				
<i>W</i>	AS	11	Odnert, D. et al., "Architecture and Compiler Enhancements for PA-RISC Workstations," Proceedings from IEEE Compcon, February 25-March 1, 1991, San Francisco, CA, pp. 214-218.				
<i>H</i>	AT	11	Patent Abstracts of Japan, Vol. 010, No. 089, April 1986, & JP. A, 60 225 943 (Hitachi Seisakusho K K) November 11, 1985.				

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA12						
	AB12						
	AC12						
	AD12						
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	AG12						
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	AI12						
	AJ12						
	AK12						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL12						Yes No
	AM12						Yes No
	AN12						Yes No
	AO12						Yes No
	AP12						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>W</i>	AR	<u>12</u>	Patt et al., "Critical Issues Regarding HPS, A High Performance Microarchitecture," Proceedings of the 18 th Annual Workshop on Microprogramming, December 1985, pp. 109-116.				
<i>Y</i>	AS	<u>12</u>	Patt et al., "HPS, A New Microarchitecture: Rationale and Introduction," Proceedings of the 18 th Annual Workshop on Microprogramming, December 1985, pp. 103-108.				
<i>V</i>	AT	<u>12</u>	Pleszkun et al., "The Performance Potential of Multiple Functional Unit Processors," Proceedings of the 15 th Annual Symposium on Computer Architecture, June 1988, pp. 37-44.				

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA13						
	AB13						
	AC13						
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	AJ13						
	AK13						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL13						Yes No
	AM13						Yes No
	AN13						Yes No
	AO13						Yes No
	AP13						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>GP</i>	AR	13	Pleszkun et al., "WISQ: A Restartable Architecture Using Queues," Proceedings of the 14 th International Symposium on Computer Architecture, June 1987, pp. 290-299.				
<i>WJ</i>	AS	13	Popescu et al., The Metaflow Architecture, Metaflow Technologies, Inc., June 1991(in its entirety).				
<i>AT</i>	AT	13	S. McGeady, "The i960A Superscalar Implementation of the 80960 Architecture," IEEE, 1990, pp. 232-240.				

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	FILING DATE Herewith	GROUP To be assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
		AA14					
		AB14					
		AC14					
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		AK14					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL14						Yes No
	AM14						Yes No
	AN14						Yes No
	AO14						Yes No
	AP14						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>N</i>	AR	<u>14</u>	Smith et al., Implementation Precise Interrupts in Pipelined Processors, IEEE Transactions on Computers, Vol. 37, No. 5, May 1988, New York, NY, p. 562, 573.
<i>H</i>	AS	<u>14</u>	Smith et al., "Implementation of Precise Interrupts in Pipelined Process," Proceedings of the 12 th Annual International Symposium on Computer Architecture, June 1985, pp. 36-44.
<i>J</i>	AT	<u>14</u>	Smith et al., "Limits on Multiple Instruction Issue," Proceedings of the 3 rd International Conference on Architectural Support for Programming Languages and Operating Systems, April 1989, pp. 290-302.
EXAMINER		DATE CONSIDERED	

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA15						
	AB15						
	AC15						
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	AE15						
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	AG15						
	AH15						
	AI15						
	AJ15						
	AK15						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL15						Yes No
	AM15						Yes No
	AN15						Yes No
	AO15						Yes No
	AP15						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>N</i>	AR	<u>15</u>	Smith, M.D. et al., "Boosting Beyond Static Scheduling in a Superscalar Processor," IEEE, 1990, pp. 344-354.
<i>N</i>	AS	<u>15</u>	Sohi, Gurindar S. and Sriram Vajapeyam, "Instruction Issue Logic for High-Performance, Interruptable Pipelined Processors," Conference Proceedings of the 14 th Annual International Symposium on Computer Architecture, June 2-5, 1987, pp. 27-34.
<i>U</i>	AT	<u>15</u>	Thornton, J.E., Design of a Computer: The Control Data 6600, Control Data Corporation, 1970, pp. 58-140.

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				FILING DATE Herewith	GROUP To be assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA16						
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	AC16						
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	AF16						
	AG16						
	AH16						
	AI16						
	AJ16						
	AK16						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL16						Yes No
	AM16						Yes No
	AN16						Yes No
	AO16						Yes No
	AP16						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>CD</i>	AR	<u>16</u>	Tjaden et al., "Detection and Parallel Execution of Independent Instructions," IEEE Trans. On Computers, Vol. C-19, No. 10, October 1970, pp. 889-895.				
<i>CD</i>	AS	<u>16</u>	Tjaden et al., "Representation of Concurrency with Ordering Matrices," IEEE Trans. On Computers, Vol. C-22, No. 8, August 1973, pp. 752-761.				
<i>W</i>	AT	<u>16</u>	Tjaden, Representation and Detection of Concurrency Using Ordering Matrices, (Dissertation), 1972, pp. 1-199.				
EXAMINER				DATE CONSIDERED			

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. SP015.C15	APPLICATION NO. To Be Assigned
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	FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
		AA17					
		AB17					
		AC17					
		AD17					
		AE17					
		AF17					
		AG17					
		AH17					
		AI17					
		AJ17					
		AK17					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL17						Yes No
	AM17						Yes No
	AN17						Yes No
	AO17						Yes No
	AP17						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

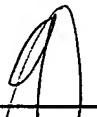
<i>M</i>	AR	<u>17</u>	Tomasulo, R.M., "An Efficient Algorithm for Exploiting Multiple Arithmetic Units," IBM Journal, Vol. 11, January 1967, pp. 25-33.
<i>W</i>	AS	<u>17</u>	Uht, A.K., "An Efficient Hardware Algorithm to Extract Concurrency From General-Purpose Code," Proceedings of the 19 th Annual Hawaii International Conference on System Sciences, 1986, pp. 41-50.
<i>WT</i>	AT	<u>17</u>	Wedig, R.G., Detection of Concurrency in Directly Executed Language Instruction Streams, (Dissertation), June 1982, pp. 1-179.

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		APPLICANT Nguyen et al.	
		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA18						
	AB18						
	AC18						
	AD18						
	AE18						
	AF18						
	AG18						
	AH18						
	AI18						
	AJ18						
	AK18						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL18						Yes No
	AM18						Yes No
	AN18						Yes No
	AO18						Yes No
	AP18						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	EXAMINER INITIAL	DATE	DESCRIPTION OF OTHER				
	AR	18	Weiss, R., Third-Generation RISC Processors, On Special Report, March 30, 1992, pp. 96-108.				
	AS	18	Weiss et al., "Instruction Issue Logic in Pipelined Supercomputers," Reprinted from IEEE Trans. On Computers, Vol. C-33, No. 11, November 1984, pp. 1013-1022.				
	AT	18	English Language Translation of Japanese Patent Appl. No. 61-95447, published May 14, 1986, 15 pages.				

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. SP015.C15	APPLICATION NO. To Be Assigned
APPLICANT Nguyen et al.		
FILING DATE Herewith		
GROUP To be assigned		

U. S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA19						
	AB19						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL19						Yes No
	AM19						Yes No
	AN19						Yes No
	AO19						Yes No
	AP19						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>19</u>	English Language Translation of Japanese Patent Appl. No. 2-278337, published November 14, 1990, 20 pages.
	AS	<u>19</u>	English Language Translation of Japanese Patent Appl. No. 3-137729, published June 12, 1991, 7 pages.
	AT	<u>19</u>	English Language Translation of Japanese Patent Appl. No. 3-147134, published June 24, 1991 18 pages.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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		APPLICANT Nguyen et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA20					
	AB20					
	AC20					
	AD20					
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	AK20					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL20					Yes No
	AM20					Yes No
	AN20					Yes No
	AO20					Yes No
	AP20					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	20	Kuga Morio et al., "Performance Evaluation of the Superscalar Processor "SIMP" based on the SIMP (Single Instruction Stream/Multiple Instruction Pipeline) Architecture," Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, 1990, pp. 337-344.
	AS	20	English Language Translation, Kuga Morio et al., "Performance Evaluation of the Superscalar Processor "SIMP" based on the SIMP (Single Instruction Stream/Multiple Instruction Pipeline) Architecture," Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, 1990, pp. 337-344, (Document AR20).
	AT	20	Kuga Morihiro et al., "Low-Level Parallel Processing Algorithm for the SIMP Processor Prototype," Department of Information Systems, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Vol. 80, No. 12, Dec. 1989, pp. 1603-1611.

EXAMINER

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA21						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL21						Yes No
	AM21						Yes No
	AN21						Yes No
	AO21						Yes No
	AP21						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AR	<u>21</u>	English Language Translation, Kuga Morihiko et al., "Low-Level Parallel Processing Algorithm for the SIMP Processor Prototype," Department of Information Systems, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Vol. 30, No. 12, Dec. 1989, pp. 1603-1611, (Document AT20).
<i>W</i>	AS	<u>21</u>	US Application 09/336,589, Senter Cheryl et al., June 21, 1999.
<i>W</i>	AT	<u>21</u>	Colwell et al., "A VLIW Architecture for a Trace Scheduling Compiler," Proceedings of the 2 nd International Conference on Architectural Support for Programming Languages and Operating Systems, October 5-8, 1987, California.

EXAMINER	DATE CONSIDERED
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA22						
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	AG22						
	AH22						
	AI22						
	AJ22						
	AK22						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL22						Yes No
	AM22						Yes No
	AN22						Yes No
	AO22						Yes No
	AP22						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>W</i>	AR	<u>22</u>	Notification of Reason for Refusal for Japanese Patent Application No. 2000-145123, mailed June 26, 2002, 2 pages.
<i>W</i>	AS	<u>22</u>	Notification of Reason for Refusal for Japanese Patent Application No. 2000-145124, mailed June 26, 2002, 2 pages.
<i>W</i>	AT	<u>22</u>	Notification of Reason for Refusal for Japanese Patent Application No. 2000-145125, mailed June 26, 2002, 2 pages.

EXAMINER	DATE CONSIDERED
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		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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	AJ23						
	AK23						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL23						Yes No
	AM23						Yes No
	AN23						Yes No
	AO23						Yes No
	AP23						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>W</i>	AR	<u>23</u>	Notification of Reason for Refusal for Japanese Patent Application No. 2000-145126, mailed July 3, 2002, 2 pages.				
<i>J</i>	AS	<u>23</u>	Notification of Reason for Refusal for Japanese Patent Application No. 2000-146442, mailed July 3, 2002, 2 pages.				
<i>J</i>	AT	<u>23</u>	Notification of Reason for Refusal for Japanese Patent Application No. 2000-146443, mailed July 3, 2002, 2 pages.				

EXAMINER	DATE CONSIDERED
<i>[Handwritten signatures and initials over the table]</i>	
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		APPLICANT Nguyen et al.	
		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA24						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL24						Yes No
	AM24						Yes No
	AN24						Yes No
	AO24						Yes No
	AP24						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>W</i>	AR	<u>24</u>	English-language translation of Japanese Laid-Open Patent Application No. H02-22736, (January 25, 1990 - date of publication), 10 pages.				
<i>W</i>	AS	<u>24</u>	English-language translation of Japanese Laid-Open Patent Application No. H02-87229, (March 28, 1990 - date of publication), 5 pages.				
<i>AT</i>	AT	<u>24</u>	English-language translation of Notification of Reason for Refusal for Japanese Patent Application No. 2000-145123, mailed June 26, 2002, 3 pages.				

EXAMINER	DATE CONSIDERED
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. SP015.C15	APPLICATION NO. To Be Assigned
		APPLICANT Nguyen et al.	
		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA25					
	AB25					
	AC25					
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	AG25					
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	AK25					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL25					Yes No
	AM25					Yes No
	AN25					Yes No
	AO25					Yes No
	AP25					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>25</u>	English-language translation for Notification of Refusal for Japanese Patent Application No. 2000-145124, mailed June 26, 2002, 3 pages.
	AS	<u>25</u>	English-language translation for Notification of Refusal for Japanese Patent Application No. 2000-145125, mailed June 26, 2002, 4 pages.
	AT	<u>25</u>	English-language translation for Notification of Refusal for Japanese Patent Application No. 2000-145126, mailed July 3, 2002, 3 pages.
EXAMINER	DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

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	APPLICANT Nguyen et al.	
	FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
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	AK26						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL26					Yes No
	AM26					Yes No
	AN26					Yes No
	AO26					Yes No
	AP26					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>G</i>	AR	<u>26</u>	English-language translation for Notification of Reason for Refusal for Japanese Patent Application No. 2000-146442, mailed July 3, 2002, 4 pages.
<i>G</i>	AS	<u>26</u>	English-language translation for Notification of Reason for Refusal for Japanese Patent Application No. 2000-146443, mailed July 3, 2002, 4 pages.
<i>G</i>	AT	<u>26</u>	Kuga Morihiro et al., "Low-Level Parallel Processing Algorithms for the "Shinpu" Processor Based on the SIMD (Single Instruction Stream / Multiple Instruction Pipelining) Method, Department of Information System, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Vol. 30, No. 12, December 1989, pages 1603-1611.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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		APPLICANT Nguyen et al.	
		FILING DATE Herewith	GROUP To be assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA27						
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AC27						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL27						Yes No
AM27						Yes No
AN27						Yes No
AO27						Yes No
AP27						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>27</u>	English-language translation, Kuga Morihiro et al., "Low-Level Parallel Processing Algorithms for the "Shinpu" Processor Based on the SIMD (Single Instruction Stream / Multiple Instruction Pipelining) Method, Department of Information System, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University, Vol. 30, No. 12, December 1989, pages 1603-1624.
	AS	<u>27</u>	Final Rejection from Japanese Patent Appl. No. 502150, 1 page, (July 16, 2002)
	AT	<u>27</u>	English translation of Final Rejection from Japanese Patent Appl. No. 502150, 1 page, (July 16, 2002)

EXAMINER	DATE CONSIDERED
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			APPLICANT Nguyen et al.				
			FILING DATE Herewith		GROUP To be assigned		
			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
		AA28					
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		AJ28					
		AK28					
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
		AL28					Yes No
		AM28					Yes No
		AN28					Yes No
		AO28					Yes No
		AP28					Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	28	English translation of Japanese Laid Open Patent Appl. No. H02-130634, (May 18, 1990 - date of publication), 56 pages.				
	AS	28					
	AT	28					
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							